

## Main technical data:

Span	14.0 [m]	45.93 [ft]
Length (up to rudder top edge)	7.38 [m]	24.21 [ft]
Height (in flight attitude)	2.25 [m]	7.38 [ft]
Wing dihedral	0	
Wing area	12.34 [m <sup>2</sup> ]	132.8 [ft <sup>2</sup> ]
Aspect ratio	15.88	
Root chord	1.308 [m]	4.291 [ft]
Mean Standard Chord (MSC)	0.971 [m]	3.186 [ft]
Wing profile	NACA 64 <sub>1</sub> 412	
Tailplane span	3.160 [m]	10.37 [ft]
Tailplane area	1.873 [m <sup>2</sup> ]	20.2 [ft <sup>2</sup> ]
Tailplane profiles	NACA 63 <sub>1</sub> 012 ÷ 63006 mod.	
Fin and rudder area	1.123 [m <sup>2</sup> ]	12.09 [ft <sup>2</sup> ]
Fin and rudder profiles	NACA 63 <sub>2</sub> 015 ÷ 63 <sub>1</sub> 012	
C.G. position of empty glider	620÷645 [mm] aft of the Datum Plane	24.43÷25.41 [in]
<b>(Datum Plane = leading edge of wing Root Rib, see also Technical Service Manual item 2.4.)</b>		
Maximum empty glider weight:		
-without balancing weights	350 [kG]	772 [lb]
-with 11,0 kG balancing weights	361 [kG]	795,5 [lb]
Max. weight of non-lifting parts (wing-less glider)	165 [kG]	364 [lb]
All-up weight	530 [kG]	1169 [lb]
Allowed in-flight C.G. position	213÷379 [mm]	8.40÷14.93 [in]
Locations of load components:		
Instrument panel at front seat	1580 [mm] fore of DP	62.25 [in] fore of DP
Balancing weights	1520 [mm] fore of DP	59.89 [in] fore of DP
Pilot on front seat	950 [mm] fore of DP	37.43 [in] fore of DP
Instrument panel at rear seat	440 [mm] fore of DP	17.34 [in] fore of DP
Pilot on rear seat	60 [mm] aft of DP	2.36 [in] aft of DP
Luggage	not allowed	
Max. wing surface loading	42.54 [kg/m <sup>2</sup> ]	8.72 [lb/ft <sup>2</sup> ]
Limit manoeuvring load factors	+7 / -5	
Limit manoeuvring load factors for solo flying (max. useful load 100 kG)	+9 / -6	